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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DNAJA2 monoclonal antibody (M01), clone 2A11-F2

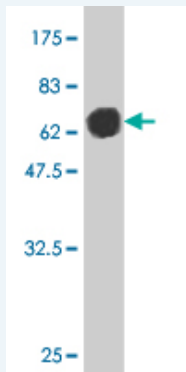
Catalog # : H00010294-M01

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant DNAJA2.
Immunogen:	DNAJA2 (AAH13044, 1 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MANVADTKLYDILGVPPGASENELKKAYRKLAKKEYHPDKNPAGDKFKEI SFAYEVLSNPEKRELYDRYGEQGLREGSGGGGGMDDIFSHIFGGGLFG FMGNQSRSRNRRRGGEDMMHPLKVSLEDLYNGKTTKLQLSKNVLCSAC SGQGGKSGAVQKCSACRGRGVRIMIRQLAPGMVQMQSVCSDCNGE GEVINEKDRCKKCEGKVKIVEVKILEVHVDKGMKHGQRITFTGEADQAPG VEPGDIVLLLQEKEHEVFQRDGNLHMTYKIGLVEALCGFQFTFKHLDG RQIVVKYPPGKVIIEPGCVRVVRGEGMPQYRNPFEKGDLYIKFDVQFPEN NWINPDRLSELEDLLPSRPEVPNIIGETEEVELQEFDSTRGSGGGQRREA YNDSSDEESSHHGPGVQCAHQ
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (71.06 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

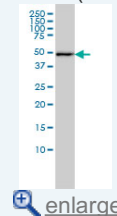
Datasheet: [Download](#)

Publication Reference

- [Cell line specific modulation of extracellular \$\alpha\$ B42 by hsp40.](#)
Carnini A, Scott LO, Ahrendt E, Proft J, Winkfein RJ, Kim SW, Colicos MA, Braun JE. PLoS One. 2012;7(5):e37755. Epub 2012 May 29.
- [Quercetin targets cysteine string protein \(CSP \$\alpha\$ \) and impairs synaptic transmission.](#)

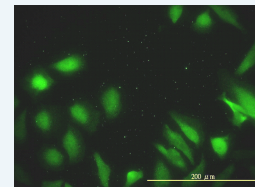
Application Image

Western Blot (Cell lysate)

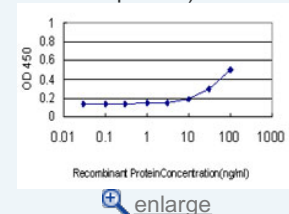


Western Blot (Recombinant protein)

Immunofluorescence



Sandwich ELISA (Recombinant protein)

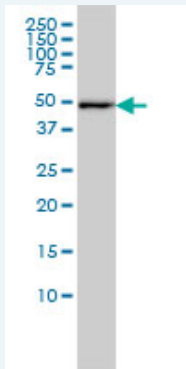


ELISA

3. [RDJ2 \(DNAJA2\) chaperones neural G protein signaling pathways.](#)
Rosales-Hernandez A, Beck KE, Zhao X, Braun AP, Braun JE. Cell Stress Chaperones. 2009 Jan;14(1):71-82. Epub 2008 Jul 2.

Applications

Western Blot (Cell lysate)



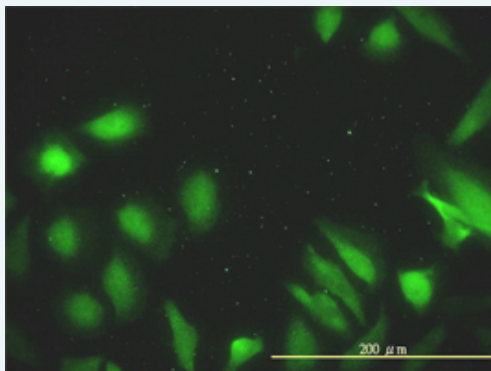
DNAJA2 monoclonal antibody (M01), clone 2A11-F2 Western Blot analysis of DNAJA2 expression in A-431 (Cat # L015V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunofluorescence

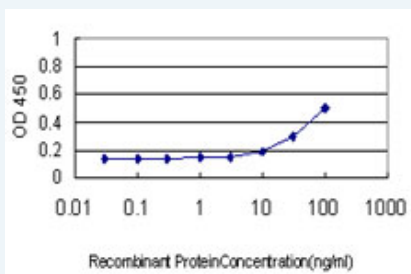


 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to DNAJA2 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DNAJA2 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [10294](#)

**GeneBank
Accession#:** [BC013044](#)

**Protein
Accession#:** [AAH13044](#)

Gene Name: DNAJA2

Gene Alias: CPR3,DJ3,DJA2,DNAJ,DNJ3,HIRIP4,PRO3015,RDJ2

**Gene
Description:** DnaJ (Hsp40) homolog, subfamily A, member 2

Omim ID: [611322](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq]

**Other
Designations:** DnaJ subfamily A member 2,HIRA interacting protein 4,cell cycle progression 3 protein

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